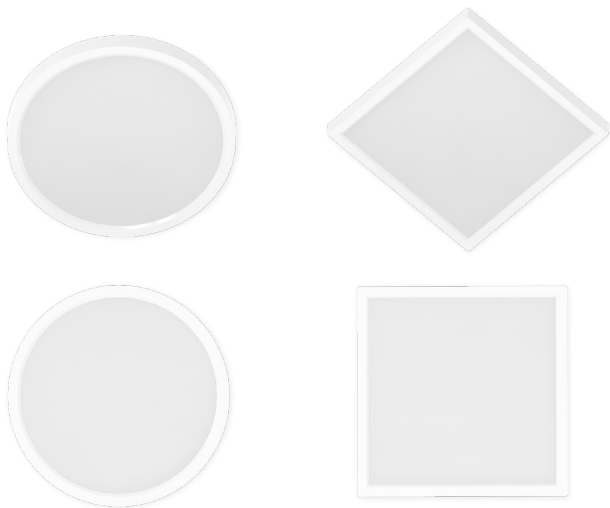


Slim, CCT-Adjustable SUMO



Round

Square

Slim Profile, 5", 7", 9" Round & Square, 5CCT Adjustable, 120V TRIAC Dimmable



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Super-slim design with less than 1" profile
- 5 color temperatures in 1 SKU (2700/3000/3500/4000/5000K)
- Wet and damp location rated can be used indoors or outdoors
- Easy to install on a wide variety of junction boxes
- Color trim accessories available
- 50,000-hr lifespan, Dimmable, & Title 24 compliant

PERFORMANCE

Catalog Number	Size	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Trim Style	CRI	L70 Lifespan
SUMO-R-5	5"	60W Incandescent	10W	890 lm	89 lm/W	TRIAC/ELV	120V	Smooth	90	50,000 hr
SUMO-R-7	7"	75W Incandescent	14W	1,200 lm	86 lm/W					
SUMO-R-7/BP	7"	75W Incandescent	14W	1,200 lm	86 lm/W					
SUMO-R-9	9"	100W Incandescent	18W	1,600lm	89 Lm/W					
SUMO-S-5	5"	60W Incandescent	10W	900 lm	90 lm/W					
SUMO-S-7	7"	75W Incandescent	14W	1,200 lm	86 lm/W					
SUMO-S-9	9"	100W Incandescent	18W	1,530 lm	85 lm/W					

PERFORMANCE (CONT'D)

Catalog Number	Shape	Wattage	CCT	Efficacy	Lumens	Equivalency
SUMO-R-5	Round	10W	2700K	83 lm/W	830 lm	60W
			3000K	84 lm/W	844 lm	
			3500K	88 lm/W	879 lm	
			4000K	90 lm/W	896 lm	
			5000K	89 lm/W	888 lm	
SUMO-R-7 SUMO-R-7/BP		14W	2700K	85 lm/W	1,190 lm	75W
			3000K	85 lm/W	1,194 lm	
			3500K	86 lm/W	1,203 lm	
			4000K	86 lm/W	1,208 lm	
			5000K	87 lm/W	1,218 lm	
SUMO-R-9		18W	2700K	84 lm/W	1,506 lm	100W
			3000K	84 lm/W	1,514 lm	
			3500K	89 lm/W	1,596 lm	
			4000K	90 lm/W	1,622 lm	
			5000K	90 lm/W	1,617 lm	
SUMO-S-5	Square	10W	2700K	86 lm/W	864 lm	60W
			3000K	89 lm/W	892 lm	
			3500K	92 lm/W	915 lm	
			4000K	93 lm/W	928 lm	
			5000K	94 lm/W	940 lm	
SUMO-S-7		14W	2700K	84 lm/W	1,172 lm	75W
			3000K	84 lm/W	1,179 lm	
			3500K	89 lm/W	1,250 lm	
			4000K	90 lm/W	1,261 lm	
			5000K	88 lm/W	1,238 lm	
SUMO-S-9		18W	2700K	82 lm/W	1,471 lm	100W
			3000K	82 lm/W	1,483 lm	
			3500K	84 lm/W	1,520 lm	
			4000K	86 lm/W	1,539 lm	
			5000K	83 lm/W	1,489 lm	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Slim style, edge-lit surface mount downlight

Shape

Round & Square

Enclosure Material

Steel heatsink with robust thermal-performance polyester; UV-resistant polyester trim ring

Finish

White

Lens

Acrylic light guide diffuses light evenly and smoothly, without hotspots

INSTALLATION

Mounting

Mounting Driver on board design allows for extremely thin fixture design without a driver on back, making it simple to install on most common junction boxes. Accessory available to mount fixture to existing recessed housings, sold separately.

COMPLIANCE

Listing

UL Listed

Environment

Suitable for use in dry, damp, and wet environments.

IC Rated

No

Air Tight

No

DLC Listed

No. There is no product category on the Design Lights Consortium (DLC) Qualified Products List for this product to qualify under.

T20 Compliant

No.

T24 JA8 Compliant

Can be used to conform with the requirements of California Title 24 Part 6

California Energy Commission (CEC) Status

Lawful for Sales in California

NEC Compliant

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C1).

IESNA LM-79 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

FCC

Complies with Part 15 of the FCC Rules.

RoHS

Mercury and UV free. RoHS-compliant components.

ELECTRICAL

Dimmable

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems.

THD

≤20%

Power Factor

≥0.9

Flicker

≤30%

Input Voltage

120V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

LED CHARACTERISTICS

Beam Angle

110°

Color Temperature

Field-adjustable dip switch 2700/3000/3500/4000/5000K

Color Accuracy (CRI)

>90

R9 Value

High color performance with R9 greater than or equal to 50

Color Consistency

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period.

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

OTHER

Warranty

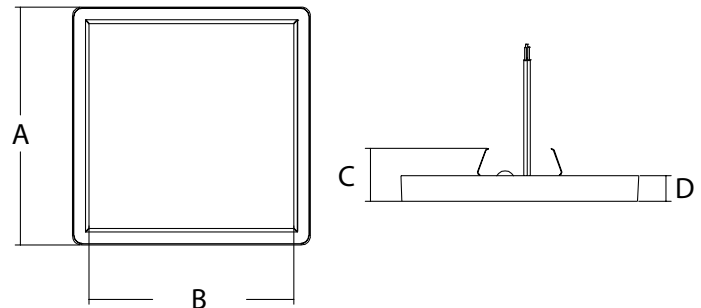
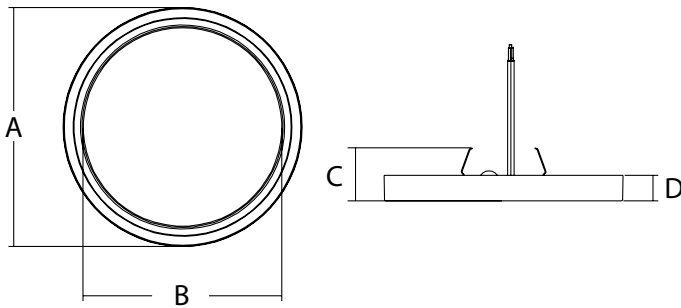
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Slim, CCT-Adjustable SUMO



DIMENSIONS

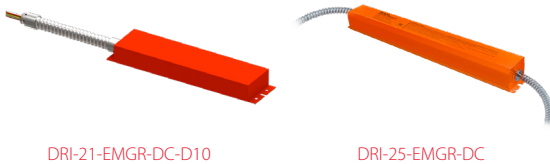


Catalog Number	Weight	A	B	C	D
SUMO-R-5	0.81 lb	5 ½"	4 ⅞"	1 ¼"	9/16"
SUMO-R-7	1.08 lbs	7"	6 ⅜"	1 ¼"	9/16"
SUMO-R-9	1.52 lbs	9"	8 ⅜"	1 ¼"	9/16"

Catalog Number	Weight	A	B	C	D
SUMO-S-5	0.90 lb	5 ½"	4 ⅞"	1 ¼"	9/16"
SUMO-S-7	1.26 lbs	7"	6 ⅜"	1 ¼"	9/16"
SUMO-S-9	1.80 lbs	9"	8 ⅜"	1 ¼"	9/16"

ACCESSORIES

Note: See Downlight Accessory Compatibility Guide at rablighting.com.



Catalog Number	UPC	Description
DRI-21-EMGR-DC-D10	192552028264	Emergency battery backup driver (field installed) T20 Compliant
DRI-25-EMGR-DC	019813519180	Emergency battery backup driver (field installed)

5.5" Color trim



7" Color trim



9" Color trim



Catalog Number	UPC	Description
SUMO-TRIM-R-5-BLK	192552039918	Color trim for 5.5" SM round black smooth
SUMO-TRIM-R-5-BN	192552039925	Color trim for 5.5" SM round brushed nickel smooth
SUMO-TRIM-R-5-BRZ	192552039932	Color trim for 5.5" SM round bronze smooth
SUMO-TRIM-R-7-BLK	192552039949	Color trim for 7" SM round black smooth
SUMO-TRIM-R-7-BN	192552039956	Color trim for 7" SM round brushed nickel smooth
SUMO-TRIM-R-7-BRZ	192552039963	Color trim for 7" SM round bronze smooth
SUMO-TRIM-R-9-BLK	192552039970	Color trim for 9" SM round black smooth
SUMO-TRIM-R-9-BN	192552039987	Color trim for 9" SM round brushed nickel smooth
SUMO-TRIM-R-9-BRZ	192552039994	Color trim for 9" SM round bronze smooth

ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
SUMO-R-5	DLS0174(SUMO-R-5)	192552028844	4
SUMO-R-7	DLS0175(SUMO-R-7)	192552028851	4
SUMO-R-7/BP	DLS0175(SUMO-R-7)	192552018319	12
SUMO-R-9	DLS0176(SUMO-R-9)	192552028868	4
SUMO-S-5	DLS0177(SUMO-S-5)	192552028875	4
SUMO-S-7	DLS0178(SUMO-S-7)	192552028882	4
SUMO-S-9	DLS0179(SUMO-S-9)	192552028899	4

ORDERING MATRIX

Family	Shape		Size		Color Temperature	Driver	Finish	Sqy Case Pack				
SUMO	-		-									
	R	Round	5	5.5" (10W)	Blank	Field-Adjustable	Blank	120V, TRIAC/ELV	Blank	White	Blank	1 Unit
	S	Square	7	7" (14W)		2700/3000/3500/4000/5000K						12-Pc Bulk Pack
			9	9" (18W)								

Slim, CCT-Adjustable SUMO

Dimmer Compatibility List



SUMO-R-5 SUMO-S-5
 SUMO-R-7 SUMO-S-7
 SUMO-R-7/BP SUMO-S-9
 SUMO-R-9

Visit www.rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Number	Dimmers		Quantities			
	Dimmer Brand	Dimmer Model	1	4	6	8
1	RAB	XDIM	✓	✓	✓	✓
2	RAB	XDIM/LCB	✓	✓	✓	✓
3	LUTRON	MACL-153M	✓	✓	✓	✓
4	LUTRON	SCL-153P	✓	✓	✓	✓
5	LEVITON	Cat.NO.6674	✓	✓	✓	✓
6	LUTRON	DVCL-153P	✓	✓	✓	✓
7	LEVITON	NO.6672	✓	✓	✓	✓
8	LEGRAND	RHCL453PTC	✓	✓	✓	✓
9	LEGRAND	DCL453PTCCCV6	✓	✓	✓	✓
10	LEGRAND	HCL453PTCCCV6	✓	✓	✓	✓
11	LUTRON	CTCL-153PDH-WH	✓	✓	✓	✓
12	LUTRON	TGCL-153PH-WH	✓	✓	✓	✓
13	LEVITON	R12-06672-1LW	✓	✓	✓	✓
14	LEVITON	R50-IPL06-10M	✓	✓	✓	✓
15	LUTRON	DVWCL-153PH-WH	✓	✓	✓	✓